

Simplification d'Expressions (G)

Simplifiez chaque expression.

1. $3b + 2 - 1 + b^2 + bc$

6. $-2v + u^2 - uv - 1 - v$

2. $1 + bc - b + 3b + bc$

7. $-2 + 1 - 4b^2 - 9y - 10b$

3. $6z - 1 + 6u + 6u + z$

8. $-2v^2 - 8b^2 + v - v + 3$

4. $ux + 4x^2 + u^2 + 7ux + 5u^2$

9. $-9 - 7 + 7a + 3 + av$

5. $-2 + 9 - 1 + a^2 + 1$

10. $z - x + 4x^2 - 1 - x^2$

Simplification d'Expressions (G) Solutions

Simplifiez chaque expression.

$$\begin{aligned} 1. \quad & 3b + 2 - 1 + b^2 + bc \\ & = b^2 + bc + 3b + 1 \end{aligned}$$

$$\begin{aligned} 6. \quad & -2v + u^2 - uv - 1 - v \\ & = u^2 - uv - 3v - 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & 1 + bc - b + 3b + bc \\ & = 2bc + 2b + 1 \end{aligned}$$

$$\begin{aligned} 7. \quad & -2 + 1 - 4b^2 - 9y - 10b \\ & = -4b^2 - 9y - 10b - 1 \end{aligned}$$

$$\begin{aligned} 3. \quad & 6z - 1 + 6u + 6u + z \\ & = 7z + 12u - 1 \end{aligned}$$

$$\begin{aligned} 8. \quad & -2v^2 - 8b^2 + v - v + 3 \\ & = -2v^2 - 8b^2 + 3 \end{aligned}$$

$$\begin{aligned} 4. \quad & ux + 4x^2 + u^2 + 7ux + 5u^2 \\ & = 8ux + 4x^2 + 6u^2 \end{aligned}$$

$$\begin{aligned} 9. \quad & -9 - 7 + 7a + 3 + av \\ & = av + 7a - 13 \end{aligned}$$

$$\begin{aligned} 5. \quad & -2 + 9 - 1 + a^2 + 1 \\ & = a^2 + 7 \end{aligned}$$

$$\begin{aligned} 10. \quad & z - x + 4x^2 - 1 - x^2 \\ & = 3x^2 + z - x - 1 \end{aligned}$$